

~~CLEAN VERSION OF CLAIMS~~

sub D1
C1

1. A method of associating a connection in a proximal plug on a mapping catheter with an electrode associated with a wire on the distal end of said mapping catheter, the method comprising the steps of:

- a) applying an electrical voltage to a connection in said proximal plug;
- b) detecting the resultant electrical voltage on the corresponding wire electrode site at said distal end of said mapping catheter; and
- c) identifying and associating the electrode with the complimentary proximal plug connection.

2. A method of associating a connection in a proximal plug on a mapping catheter with an electrode associated with a wire on the catheter, the method comprising the steps of:

- a) applying an electrical voltage to the electrode;
- b) detecting the electrical voltage on the proximal plug connection; and
- c) identifying and associating the proximal connection with the corresponding complimentary electrode.

~~We claim:~~

- ~~1. A method of associating a connection in a plug on a mapping catheter with an electrode associated with a wire on the catheter, the method comprising the steps of:~~
- ~~a) applying an electrical signal to the connection;~~
 - ~~b) detecting the electrical signal on the electrode; and~~
 - ~~c) identifying the electrode associated with the connection.~~
- 2.1. A method of associating a connection in a proximal plug on a mapping catheter with an electrode associated with a wire on the distal end of said mapping catheter, the method comprising the steps of:
- a) applying an electrical voltage to a connection in said proximal plug;
 - b) detecting the resultant electrical voltage on the corresponding wire electrode site at said distal end of said mapping catheter; and
 - c) identifying and associating the electrode with the complimentary proximal plug connection.
2. A method of associating a connection in a proximal plug on a mapping catheter with an electrode associated with a wire on the catheter, the method comprising the steps of:
- a) applying an electrical ~~signal~~ voltage to the electrode;
 - b) detecting the electrical ~~signal on the~~ voltage on the proximal plug connection; and
 - ~~c) identifying the connection associated with the electrode.~~